

FOR CLEANER AND SAFER DIETARY SUPPLEMENTS

BioCreatine

THE PROBLEM

Commercial creatine is produced through fossil-based chemical synthesis, an energy-intensive process that can introduce toxic impurities linked to undesirable taste and health concerns.

OUR SOLUTION

We have developed a fermentation-based process that mirrors the body's natural creatine biosynthesis, delivering a cleaner and more sustainable product.

PATENT STATUS

Two patent filed: one covering our production strain and screening strategy (PCT phase), and one covering a related enzymatic production process.

FINANCIAL OVERVIEW

Supported by a NNF Pioneer Innovator Grant and the BRiGHT Biofoundry. Our goal is to further de-risk and scale the technology, refine the business case, and spin out within 18 months.

MILESTONES

- Demonstrated bio-based creatine production
- Initial downstream processing development
- Preliminary techno-economic assessment
- Initial commercialization strategy

TARGET MARKET & CUSTOMERS

Premium dietary supplements for health-conscious consumers, fitness enthusiasts, and elite athletes.

THE PROFILE WE ARE LOOKING FOR

- Background in business and entrepreneurship, global experience, preferably in the food ingredients or supplements field
- Strategic and commercial mindset
- Strong communication and negotiation skills
- Proactive, curious, and team-oriented

TASKS & RESPONSIBILITIES (FIRST 3 MONTHS)

- Help shape the business strategy, business plan and value proposition
- Conduct market analyses and business development activities
- Coordinate early-stage venture activities
- Fundraising and represent the project to partners, investors, and accelerators. Create key partnerships with stakeholders

ACADEMIC & ENTREPRENEURIAL BACKGROUND OF CURRENT CO-FOUNDERS

Lei Yang, PhD, Senior Researcher, Team Leader at BRiGHT

Paul Jacottin, PhD, Postdoc, BioCreatine Project Leader at BRiGHT

PHYSICAL ADDRESS

BRiGHT, Technical University of Denmark
Building 220, Søtofts Plads, 2800 Kgs. Lyngby



ABOUT OPEN ENTREPRENEURSHIP

Open Entrepreneurship (OE) is a collaboration between all Danish universities aiming to create more research-based startups.

REGISTER YOUR INTEREST

Deadline is November 8th, 2026

www.open-entrepreneurship.com/cofounder/